

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-16. Cancelled.

17. (Currently Amended) Cosmetic or dermatologic formulation with an oxygen carrier system which comprises a liquid perfluorinated or partially fluorinated hydrocarbon or hydrocarbon mixture with a moiety of 0.1 – 10% by weight, a liquid silicone polymer or silicone polymer mixture with a moiety of 10 – 85% by weight and an oil or water base with a moiety of 5 – 25% by weight, with all weight percentages being related to the total weight of the carrier system and the oxygen carrier system is present in the formulation with a moiety of ~~4—40~~⁶~~—10~~⁶% by weight, related to the overall weight of the formulation, and the carrier system being loaded with gaseous oxygen up to a partial pressure of ~~150—950~~²⁵⁰~~—400~~¹⁰ mbar O₂.

18. (Currently Amended) Formulation according to Claim 17, wherein the carrier system is ~~loaded four weeks after the is~~ loading with an oxygen content of 25 – 40% by volume of the initial oxygen content, as measured at a time four weeks after an initial loading.

19. (Currently Amended) Formulation according to Claim 17, wherein the carrier system contains tocopherol or a tocopherol derivative with a moiety of 0.01 - 1.5% by weight, wherein the tocopherol derivative is selected from the group consisting of tocopheryl acetate, tocopheryl succinate, tocopheryl propionate, tocopheryl oleate, tocopheryl linolate, tocopheryl, tocopheryl palmitate, tocopheryl sorbate mixtures thereof and mixtures thereof with tocopherol.

20. (Previously Presented) Formulation according to Claim 17, wherein the moiety of the liquid silicone polymer ranges from 15 – 35% by weight.

21. (Previously Presented) Formulation according to Claim 17, wherein the carrier system contains at least a gelling or thickening agent or a mixture thereof.

22. (Previously Presented) Formulation according to Claim 17, wherein the oil base of the carrier system is a vegetable oil, an ester or mixture thereof.

23. (Previously Presented) Formulation according to Claim 17, wherein the oxygen carrier is perfluorodecaline.

24. (Previously Presented) Formulation according to Claim 17, wherein the moiety of the perfluorinated hydrocarbon or hydrocarbon mixture ranges from 1.5 – 6% by weight.

25. (cancelled)

26. (Currently Amended) Formulation according to Claim 17, wherein it contains as cosmetic formulation a silicone oil with a moiety of ~~3—70%~~, related to the overall weight of the formulation, preferably with a moiety of 6 – 35%.

27. (cancelled)

28. (cancelled)

29. (cancelled)

30. (Currently Amended) Formulation according to Claim 17, wherein A topical formulation comprising a cosmetic formulation with an oxygen carrier system, comprising a liquid perfluorinated or partially perfluorinated hydrocarbon or hydrocarbon mixture with a moiety of 0.1 – 10% by weight, a liquid silicone polymer has with a moiety of 35 – 85% by weight, an oil or water base with a moiety of 5 – 25% by weight, all weight percentages being related to the overall weight of the carrier system, in a topical formulation with silicone oil contents of 5 – 25% by weight, related to the overall weight of the topical formulation.

31. (Previously Presented) The topical formulation according to Claim 30 wherein the topical formulation has the form of a cream, a lotion, a self-tanning agent, a sun protection formulation for use before, during and after the exposure to sun, of a mask, a gel, a spray.